

PRADHISH S

B.Tech CSBS Student | Full-Stack Web Developer

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PROFESSIONAL SUMMARY

B.Tech Computer Science & Business Systems student (expected 2027) with hands-on experience building applications in Java and Python, and web technologies including HTML, CSS, JavaScript, React, Node.js, Express.js and MongoDB. Built projects spanning a Java library management system, a deployed Streamlit web app, stock market analysis and a machine learning model for cancer risk prediction. Completed a Web Development internship and combine technical skills with business-process and analytics knowledge (ERP concepts, SDLC, SQL). Seeking an entry-level Web Developer / Software Developer internship or role.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C++, JavaScript, SQL
- **Front-End:** HTML, CSS, JavaScript, React, Bootstrap, Figma (UI/UX design)
- **Back-End:** Node.js, Express.js, Django, REST APIs
- **Databases:** MongoDB, SQL
- **Machine Learning / Data:** Scikit-learn, Pandas, NumPy, Matplotlib, Streamlit, Exploratory Data Analysis (EDA), Model Evaluation
- **Business Systems:** ERP Concepts, SDLC, Business Process Modeling, SQL for Analytics
- **Tools:** Git, GitHub, VS Code

PROJECTS

Pancreatic Cancer Risk Prediction using Machine Learning | Python, Scikit-learn, Pandas, NumPy

- Built an end-to-end ML pipeline to predict pancreatic cancer risk from clinical data, covering preprocessing, EDA, model training and evaluation.
- Compared Logistic Regression and Random Forest models and selected the best performer based on evaluation metrics.
- Achieved 60% prediction accuracy as a baseline model, supporting early risk screening.

Library Management System | Java, OOP, Collections, File I/O | [GitHub](#)

- Built a terminal-based library management system in plain Java using OOP: an abstract Person class, Member inheritance and encapsulation in Book and Transaction classes.
- Used HashMap for fast book and member lookup, ArrayList for transaction logs, and file I/O to save and reload all library data.
- Implemented borrow and return workflows with 14-day due dates and automatic overdue fines using the java.time API, plus book search, member registration and loan history.

Color Detection & Pie Chart Web App | Python, Streamlit, Pandas, Matplotlib | [GitHub](#) | [Live Demo](#)

- Built a Streamlit web app that shows the color name, RGB and HEX value of any point clicked on an uploaded image.
- Matched pixel colors against a CSV color dataset and added a Matplotlib pie chart visualizing all predefined colors.
- Deployed the app online on Streamlit so it can be used from a browser.

AI Stock Market Prediction | Python, Jupyter Notebook | [GitHub](#)

- Developed a stock market analysis and prediction project in Python and Jupyter Notebook using historical stock data in CSV format.
- Documented the project with a website preview screenshot and a recorded demo of the code output.

PROFESSIONAL EXPERIENCE

Web Development Intern — Tech City Private Limited

- Completed a web development internship at Tech City Private Limited.
- Built the Pancreatic Cancer Risk Prediction project in Python as the internship project.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science & Business Systems (CSBS) | Expected Graduation: 2027
Kingston Engineering College, Tamil Nadu | CGPA: 8.13/10 (current)

Higher Secondary (Class XII), State Board | 2023 | 82%

CERTIFICATIONS

- Web Development — Tech City Private Limited
- Java Developer — Wipro (Wipro Sky Campus)
- UI/UX Design (Figma)

SOFT SKILLS

Leadership, Critical Thinking, Adaptability, Time Management, Creativity, Attention to Detail, Presentation Skills

LANGUAGES

English, Tamil